



RIVANNA RIVER STEWARD REPORT

River Stewards: Dan Triman Date: 09-05-18

Starting Location and Time: Beaver Creek Reservoir (2:15 PM)

Ending Location and Time: Beaver Creek Reservoir (3:45 PM)

Weather: Mostly Clear Recent Precipitation: Mostly dry as of late

USGS Gauges: Earlysville 1.54 ft (54 cfs), Palmyra 3.00 ft (300 cfs)

Water Color: Clear Water Odor: None Air Temp: 90° F

DO: 6 ppm PH: 7 Turbidity: 10 JTU Water Temp: 34° C

Water Testing Location: At Boat Ramp (38°04.4'N 78°39.2'W)

Land Use:

Wooded along the banks of the Reservoir, with some private residential.

Wildlife Sightings and Plant Life:

Turtles, Cardinals, Kingfisher, Green Heron, 4 Blue Heron, Crow, Butterflies, Dragonflies, Damselflies, Fish, Mussel Shell, and Cows. Some flowering colors along banks, a couple of downed trees along the banks, and minor green algae growth in a couple of the corners of the Reservoir.

People Interactions:

Saw 1 man fishing in a boat, 2 people kayaking, and 2 people using SUPs, as well as several people using the park around the Reservoir.

Litter and Pollution:

Not much trash found today. Not a lot of algae growth, but some green algae in a couple of locations (see photos below).

Overall Summary:

The Reservoir was in pretty good shape. Some good wildlife sightings today, the best of which were several Blue Heron. There was a group of cows in the water at the Northeast point of the Reservoir where Watts Branch feeds into the Reservoir. Recently installed piers at the boat ramp are in good shape, and overall glad to see there was not much trash today.

Actions Needed – level of priority (1 highest/5 lowest):

3 – Inform partners about the presence of cows in Beaver Creek, which is a county drinking water reservoir, so they can determine next steps.



Figure 1: Recently installed piers at boat ramp



Figure 2: Mussel shell found in the Reservoir



Figure 3: View of the Reservoir from the boat ramp



Figure 4: Web in one of the trees



Figure 5: One of the many Cardinal flowers seen



Figure 6: Purple flowers growing at water's edge



Figure 7: Grasses growing in the Reservoir



Figure 8: One of the Blue Herons in flight



Figure 9: Cows in the water near Watts Branch



Figure 10: Example of green algae seen today

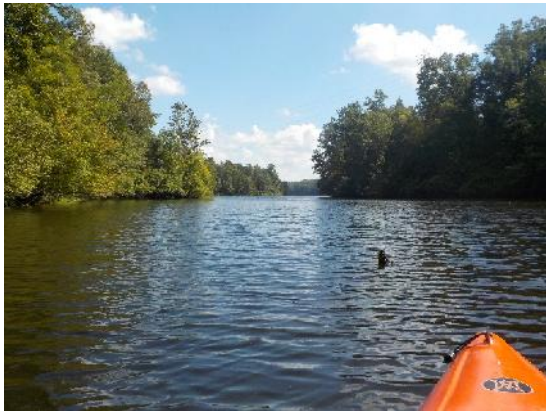


Figure 11: Another view of Reservoir



Figure 12: Another Blue Heron in flight



Figure 13: Turtles resting on a downed log



Figure 14: One of the larger downed trees



Figure 15: 2 people on SUPs



Figure 16: Another view of some of the algae seen today



Figure 17: RWSA buoy floating in the Reservoir

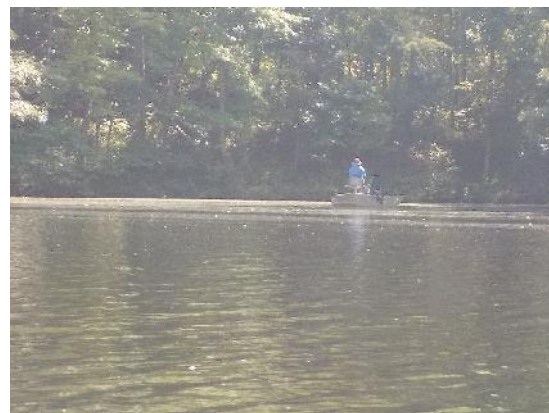


Figure 18: Man fishing from his boat